

WHAT IS CLAIMED IS:

- 1           1.       A computer implemented method for checking text in an electronic  
2 document, comprising:  
3           scanning and parsing words in the text;  
4           for each set of one or more scanned and parsed words, determining whether one or  
5 more words form a contact phrase providing information to identify or address a person  
6 or entity; and  
7           after scanning one contact phrase, performing:  
8                   (i) accessing contact information including contact phrases; and  
9                   (ii) searching the contact information to determine if the scanned contact  
10 phrase matches contact phrases in the searched contact information.
- 1           2.       The method of claim 1, wherein contact phrases comprise one of a name,  
2 phone number, street address, e-mail address, and URL.
- 1           3.       The method of claim 1, further comprising:  
2           determining one or more contact phrases in the contact information that are  
3 similar to the scanned contact phrase if the scanned contact phrase does not match one  
4 contact phrase in the contact information; and  
5           displaying the determined similar contact phrases, wherein the user is capable of  
6 selecting one displayed similar contact phrase to substitute for the scanned contact phrase.
- 1           4.       The method of claim 1, further comprising:  
2           displaying a graphical box for one scanned contact phrase that does not match  
3 contact phrases in the contact information, wherein the user is capable of using the  
4 displayed graphical box to accept the scanned contact phrase or select another contact  
5 phrase to substitute for the scanned contact phrase.

1           8.       The method of claim 1, wherein the scanned contact phrase comprises a  
2   name or contact address, further comprising:  
3           submitting a search request over the Internet to an Internet directory for the  
4   scanned contact phrase; and  
5           receiving information indicating that there is no match for the scanned contact  
6   phrase in the Internet directory or that there is a match.

12. A method for checking contact phrases providing information to identify or address a person or entity in a contact record in a computer readable address book, comprising:

- accessing one contact phrase in one of the contact records in the address book;
- submitting a search request to a computer readable directory over a network, wherein the directory provides searchable contact information including contact phrases on persons or entities, wherein the search request determines whether the accessed contact phrase from one contact record matches one contact phrase in the directory;
- receiving search result information from the directory; and
- providing the capability to use the received search result information to update one or more contact phrases in one contact record of the address book.

15. A system for checking text in an electronic document, comprising:  
a computer;  
a computer readable medium including a computer program, wherein the  
computer program causes the computer to perform:  
(i) scanning and parsing words in the text;  
(ii) for each set of one or more scanned and parsed words, determining  
whether one or more words form a contact phrase providing information to  
identify or address a person or entity; and  
(iii) after scanning one contact phrase, performing:  
(a) accessing contact information including contact phrases; and

[illegible]

[illegible]

1           17.     The system of claim 15, further comprising:  
2           a display monitor;  
3           wherein the computer program further causes the computer to perform:  
4                     (i) determining one or more contact phrases in the contact information that  
5                     are similar to the scanned contact phrase if the scanned contact phrase does not  
6                     match one contact phrase in the contact information; and  
7                     (ii) displaying the determined similar contact phrases on the display  
8                     monitor, wherein the user is capable of selecting one displayed similar contact  
9                     phrase to substitute for the scanned contact phrase.

1           18.     The system of claim 15, further comprising:  
2           a display monitor;  
3           wherein the computer program further causes the computer to perform displaying  
4           a graphical box for one scanned contact phrase in the display monitor that does not match  
5           contact phrases in the contact information, wherein the user is capable of using the  
6           displayed graphical box to accept the scanned contact phrase or select another contact  
7           phrase to substitute for the scanned contact phrase.

1           19.     The system of claim 18, wherein the computer program further causes the  
2 computer to perform:

1           22.     The system of claim 15, wherein the scanned contact phrase comprises a  
2 name or contact address, and wherein the computer program further causes the computer  
3 to perform:  
4           submitting a search request over the Internet to an Internet directory for the  
5 scanned contact phrase; and  
6           receiving information indicating that there is no match for the scanned contact  
7 phrase in the Internet directory or that there is a match.

1           23.    The system of claim 15, wherein the computer program is further capable  
2 of causing the computer to perform:  
3           adding the scanned contact phrase to the contact information if the scanned  
4 contact phrase does not match one contact phrase in the contact information.

1           24.    The system of claim 15, wherein the computer program is further capable  
2 of causing the computer to perform:  
3           buffering contact phrases of a same type of contact information;  
4           determining whether the buffered contact phrases of the same type use consistent  
5 syntax; and  
6           notifying a user of inconsistencies in the syntax for the buffered contact phrases.

1           25.    The system of claim 15, wherein the scanned contact phrases include at  
2 least one URL address, and wherein the computer program is further capable of causing  
3 the computer to perform:  
4           determining whether each scanned URL contact phrase uses a correct URL  
5 syntax; and  
6           notifying the user of incorrect syntax for at least one of the scanned URL contact  
7 phrases.

1           ~~26.~~    A system for checking contact phrases providing information to identify or  
2 address a person or entity in a contact record in a computer readable address book,  
3 comprising:  
4           a computer;  
5           a computer readable medium including the address book and a computer program,  
6 wherein the computer program causes the computer to perform:  
7           (i) accessing one contact phrase in one of the contact records in the address  
8           book;

14 (iii) receiving search result information from the directory; and  
15 (iv) providing the capability to use the received search result information  
16 to update one or more contact phrases in one contact record of the address book.

7 providing information indicating that the contact phrases in the contact record do  
8 not match returned contact addresses from the directory.

7 providing information indicating that the contact address in the contact record  
8 does not match the returned contact address from the directory.



[illegible]

1           30.     The program of claim 29, wherein contact phrases comprise one of a  
2     name, phone number, street address, e-mail address, and URL.

1           31.     The program of claim 29, wherein the program is further capable of  
2     causing the computer to perform:  
3           determining one or more contact phrases in the contact information that are  
4     similar to the scanned contact phrase if the scanned contact phrase does not match one  
5     contact phrase in the contact information; and  
6           displaying the determined similar contact phrases, wherein the user is capable of  
7     selecting one displayed similar contact phrase to substitute for the scanned contact phrase.

1           32.     The program of claim 29, wherein the program is further capable of  
2     causing the computer to perform:  
3           displaying a graphical box for one scanned contact phrase that does not match  
4     contact phrases in the contact information, wherein the user is capable of using the

[illegible]

1           36.       The program of claim 29, wherein the scanned contact phrase comprises a  
2   name or contact address and wherein the program is further capable of causing the  
3   computer to perform:

[illegible]

1        ~~40.~~     A program for checking contact phrases providing information to identify  
2        or address a person or entity in a contact record in a computer readable address book,

[illegible]

1           42.     The program of claim 40, wherein the accessed contact phrase submitted  
2     with the search request comprises one contact address from the contact record, wherein  
3     the received search results includes one contact name, and wherein the program is further  
4     capable of causing the computer to perform:  
5           determining whether the returned contact name matches a name contact phrase in  
6     the contact record including the accessed contact address; and  
7           providing information indicating that the contact address in the contact record  
8     does not match the returned contact address from the directory.